

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
Sheet	1	of	7	Application Number	10/544093
				Filing Date	August 1, 2005
				First Named Inventor	Yednock, Ted
				Art Unit	1649
				Examiner Name	Emch, Gregory S.
				Attorney Docket Number	15270C-009820US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (<i>if known</i>)			
1169		2009/0142270 A1	06-04-2009	Schroeter et al.	
1166		2009/0069544 A1	03-12-2009	Basi et al.	
1103		2008/0145373	06-19-2008	Arumugham et al.	
1153		2006/0234912	10-16-2006	Wang et al.	
1154		2006/0182321	08-17-2006	Hu et al.	
1155		2006/0121038	06-08-2006	Schenk et al.	
1101		2003/0054484 A1	03-20-2003	Fong et al.	
1170		2003/0009104 A1	01-09-2003	Hyman et al.	
1116		6,057,098	05-02-2000	Buechler et al.	
1131		6,015,662	01-18-2000	Hackett et al.	
1148		5,773,007	06-30-1998	Penney et al.	
1147		5,723,130	03-03-1998	Hancock et al.	
1168		5,620,844	04-15-1997	Neurath et al.	
1160		5,472,693	12-05-1995	Gourlie et al.	

U.S. PATENT APPLICATIONS					
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1129		11/842,085	08-20-2007	Schenk	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (<i>if known</i>)			
1102	EP	1 690 547 A1	08-16-1998		<input type="checkbox"/>
1135	WO	08/131298 A3	12-18-2008		<input type="checkbox"/>
1107	WO	08/131298 A2	10-30-2008		<input type="checkbox"/>
1133	WO	06/042158 A	04-20-2006		<input type="checkbox"/>
1146	WO	05/035753 A	04-21-2005		<input type="checkbox"/>
1152	WO	01/78777 A2	10-25-2001		<input type="checkbox"/>

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62113200 v1

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1173	WO	97/18855	A1	05-29-1997			<input type="checkbox"/>
1151	WO	96/39834	A1	12-19-1996			<input type="checkbox"/>
1174	WO	90/14840	A1	12-13-1990			<input type="checkbox"/>
1145	WO	87/02671	A	05-07-1987			<input type="checkbox"/>

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NON PATENT LITERATURE DOCUMENTS			
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	1120	ARMOUR et al., "Recombinant human IgG molecules lacking Fcγ receptor I binding and monocyte triggering activities," <i>J. Immunol.</i> , 29:2613-2624 (1999).	<input type="checkbox"/>
	1117	AVIS, "Parenteral Preparations," <i>Remington's Pharmaceutical Sciences</i> , 17:1518-1519 (1985).	<input type="checkbox"/>
	1138	BRINKMAN, "Splice Variants as Cancer Biomarkers," <i>Clinical Biochemistry</i> , 37(7):584-594 (2004).	<input type="checkbox"/>
	1110	CHEN et al., "Selection and Analysis of an Optimized Anti-VEGF Antibody: Crystal Structure of an Affinity-matured Fab in Complex with Antigen," <i>J. Mol. Biol.</i> , 293:865-881 (1999).	<input type="checkbox"/>
	1142	CHOI et al., "A Generic Intron Increases Gene Expression in Transgenic Mice," <i>Molecular and Cellular Biology</i> , 11(6):3070-3074 (1991).	<input type="checkbox"/>
	1132	CORCORAN et al., "Overexpression of hAPPswe Impairs Rewarded Alternation and Contextual Fear Conditioning in a Transgenic Mouse Model of Alzheimer's Disease," <i>Learn Mem.</i> 9(5):243-252:2000.	<input type="checkbox"/>
	1144	DATABASE Geneseq, "Nucleotide Sequence of a Variable Heavy Chain of IgG4," EBI Accession No. GSN:ADZ51216 (2005).	<input type="checkbox"/>
	1137	Extended European Search Report of 12/18/08 for European Application 05812436.6-1212.	<input type="checkbox"/>
	1136	European Examination Report of 09/23/2008 for European Application 04776252.1-2405.	<input type="checkbox"/>
	1130	European Examination Report as part of 12-08-2008 communication for European Application 04720353.4	<input type="checkbox"/>

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	1134	European Examination Report of 11/20/2008 for European Application 08011409.3	<input type="checkbox"/>
	1150	Family and legal status of EP0613007, Inpadoc Search (2009).	<input type="checkbox"/>
	1163	Genbank Accession number AAA69734, Schroeder et al., "Immunoglobulin heavy chain [Homo sapiens]", Anti-DNA immunoglobulin light chain IgG [Mus musculus]," 07/11/95.	<input type="checkbox"/>
	1164	Genbank Accession number BAC01733, Akahori et al., "Immunoglobulin kappa light chain VLJ region [Homo sapiens]", 07/02/02.	<input type="checkbox"/>
	1118	HEZAREH et al., "Effecter Function Activities of a Panel of Mutants of a Broadly Neutralizing Antibody against Human Immunodeficiency Virus Type 1," <i>Journal of Virology</i> , 24(75):12161-12168 (2001).	<input type="checkbox"/>
	1127	JANEWAY et al., <i>Immunobiology</i> , 3 rd edition, pages 8:18-8:19 (1997).	<input type="checkbox"/>
	1121	MANN et al., "Atypical Amyloid (ABeta) Deposition in the cerebellum in Alzheimer's Disease: An Immunohistochemical Study Using End-Specific ABeta Monoclonal Antibodies," <i>ACTA Neuropathologica</i> , 91:647-653 (1996).	<input type="checkbox"/>
	1122	MANN et al., "Predominant deposition of amyloid-beta 42(43) in plaques in cases of Alzheimer's disease and hereditary cerebral hemorrhage associated with mutations in the amyloid precursor protein gene," The <i>American Journal of Pathology APR</i> , 4(148): 1257-1266 (1996).	<input type="checkbox"/>
	1157	MAVRAGANI et al., "A Case of Reversible Posterior Leukoencephalopathy Syndrome After Rityximab Infusion," <i>Rheumatology</i> , 43(11) 1450-1451 (2006).	<input type="checkbox"/>

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	1139	MYERS et. al., "Targeting Immune Effector Molecules to Human Tumor Cells Through Genetic Delivery of 5T4-Specific SCFV Fusion Proteins," <i>Cancer Gene Therapy</i> , 9(11):884-896 (2002).	<input type="checkbox"/>	
	1167	PADLAN et al., "Structure of an Antibody-Antigen Complex: Crystal Structure of the HyHEL-10 Fab-lysozyme Complex, <i>Immunology</i> , 86:5938-5942 (1989).	<input type="checkbox"/>	
	1171	PANGALOS et al., "Disease Modifying Strategies for the Treatment of Alzheimer's Disease Targeted at Modulating Levels of β-amyloid Peptide," <i>Biochemical Society Transactions</i> , 33(4):553-558 (2005).	<input type="checkbox"/>	
	1108	PASCALIS et al., "Grafting of "Abbreviated" Complementarity-Determining Containing Specificity-Determining Residues Essential for Ligand Contact to Engineer a Less Immunogenic Humanized Monoclonal Antibody," <i>The Journal Immunology</i> , 169:3076-3084 (2002).	<input type="checkbox"/>	
	1158	PCT Written Opinion of 12/22/2008 for application PCT/US2008/80370.	<input type="checkbox"/>	
	1159	PCT Search Report of 01/22/2009 for application PCT/US2008/80370.	<input type="checkbox"/>	
	1172	PRADA et al., "Antibody-Mediated Clearance of Amyloid-β Peptide From Cerebral Amyloid Angiopathy Revealed by quantitative in Vivo Imaging," <i>Journal of Neuroscience</i> , 27(8):1973-1980 (2007).	<input type="checkbox"/>	
	1149	QU et al., "Aβ ₄₂ gene Vaccine Prevents Aβ ₄₂ deposition in brain of Double Transgenic Mice," <i>J. Neurological Sciences</i> , 260:204-213 (2007).	<input type="checkbox"/>	
	1141	ROBBINS et al., "The Intronic Region of an Incompletely Spliced gp100 Gene Transcript Encodes an Epitope Recognized by Melanoma-Reactive Tumor-Infiltrating Lymphocytes," <i>Journal of Immunology</i> , 159(1):303-308 (1997).	<input type="checkbox"/>	

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	1123	SCHMIDT et al., "Monoclonal Antibodies to a 100-kd protein reveal abundant A beta-negative plaques throughout gray matter of Alzheimer's disease brains," <u>The American Journal of Pathology</u> , 1(151):69-80 (1997).			<input type="checkbox"/>
	1165	SCHROEDER et al., "Preferential Utilization of Conserved Immunoglobulin Heavy Chain Variable Gene Segments During Human Fetal Life," <u>Immunology</u> , 87:6146-6150 (1990).			<input type="checkbox"/>
	1140	SEABROOK et al., "Species-specific Immune response to Immunization with Human Versus rodent Abeta Peptide," <u>Neurobiology of Aging</u> , 25(9) 1141-1151 (2004)			<input type="checkbox"/>
	1119	Shepherd et al., "The design of the humanized antibody," <u>Monoclonal Antibodies: A Practical Approach</u> 58-66 (2000)			<input type="checkbox"/>
	1104	SIDHU, "Page display in pharmaceutical biotechnology," <u>Current Opinion in Biotechnology</u> , 11:610-616 (2000).			<input type="checkbox"/>
	1105	SMITH et al., "Phage Display," <u>Chemical Reviews, American Chemical Society</u> , 97(2):391-410 (1997).			<input type="checkbox"/>
	1128	STUDNICKA et al., "Human-engineered monoclonal antibodies retain full specific binding activity by preserving non-CDR complementary-modulating residues," <u>Protein Eng.</u> , 7(6):805-814 (1994), Abstract only.			<input type="checkbox"/>
	1124	TAMAOKA et al., "Antibodies to amyloid beta protein (A beta) crossreact with glyceraldehyde-3-phosphate dehydrogenase (GAPDH)," <u>Neurobiology of Aging</u> , 3(17):405-414 (1996).			<input type="checkbox"/>
	1162	TRANG et al., "Pharmacokinetics of a Mouse/Human Chimeric Monoclonal Antibody (C-17-1A) in Metastatic Adencarcinoma Patients," <u>Pharmaceutical Research</u> 7(6):587-592 (1990).			<input type="checkbox"/>
	1112	U.S. Application No. 09/316,387, Office Action mailed 09/10/2007.			<input type="checkbox"/>
	1113	U.S. Application No. 09/316,387, Response to 06-20-2005 Office Action filed 12-20-2005.			<input type="checkbox"/>
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	1114	U.S. Application No. 09/316,387, Declaration of Solomon, Hrncic, and Wall under 37 C.F.R. § 1.131 filed 03-06-2006.		<input type="checkbox"/>
	1115	U.S. Application No. 09/316,387, Office Action mailed 06/20/2005.		<input type="checkbox"/>
	1109	VAJDOS et al., "Comprehensive Functional Maps of the Antigen-binding site of an Anti_ErbB2 Antibody Obtained with Shotgun Scanning Mutagenesis," <i>J. Mol. Biol.</i> , 320:415-428 (2002).		<input type="checkbox"/>
	1143	WARD et al., "Spontaneous Deletions In Ig Heavy Chain Genes Flanking Sequences Influence Splice Site Selection Nucleic Acids Research," 19(23): 6475-6480 (1991).		<input type="checkbox"/>
	1161	Wikipedia entry for Antibody, retrieved April 27, 2009 from http://en.wikipedia.org/wiki/Antibody .		<input type="checkbox"/>
	1106	WILSON et al., "Phage display: applications, innovations, and issues in phage and host biology," <i>Can. J. Microbiol.</i> , 44:313-329 (1998).		<input type="checkbox"/>
	1111	WU et al., "Humanization of a Murine Monoclonal Antibody by Simultaneous Optimization of Framework and CDR Residues," <i>J. Mol. Biol.</i> , 294:151-162 (1999).		<input type="checkbox"/>
	1125	YANAGISAWA K et al., "Amyloid BETA-protein (Alpha-Beta) associated with lipid molecules: immunoreactivity distinct from that of soluble Alpha-Beta," <i>FEBS Letters</i> , 1(420): 43-46 (1997).		<input type="checkbox"/>
	1126	YANG et al., "Monoclonal Antibody to the C-terminus of Beta-Amyloid," <i>Neuroreport</i> , 16(5):2117-2120 (1994).		<input type="checkbox"/>

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